



Our steel tanker, designed with advanced engineering technology, offers superior performance and safety in the transportation of hazardous liquids. Manufactured in compliance with ADR and relevant international standards, our tanker stands out with its advanced safety features and operational convenience solutions. Customizable configuration options according to your transportation needs ensure maximum efficiency and reliability.



**The First ADR Tanker Manufacturer of the Black Sea**

## SteelStar Series

### Technical Information

**Body** : The body sheets are selected as 4.2 mm S235JR in accordance with the material and manufacturing requirements of the **EN 13094:2008** standard and are welded using the robotic MIG welding method.

**Dished** : The dishes and baffles are designed and manufactured as 5.0 mm S235JR in accordance with the **EN 13094:2008** standard, fully meeting the strength and sealing requirements.

**Chassis** : The chassis and the entire vehicle structure have received type approval under **EU 2018/858** and comply with relevant international standards. They are made of 6.0 mm S355JR, 8.0 mm S355JR, and 10.0 mm S355JR materials.

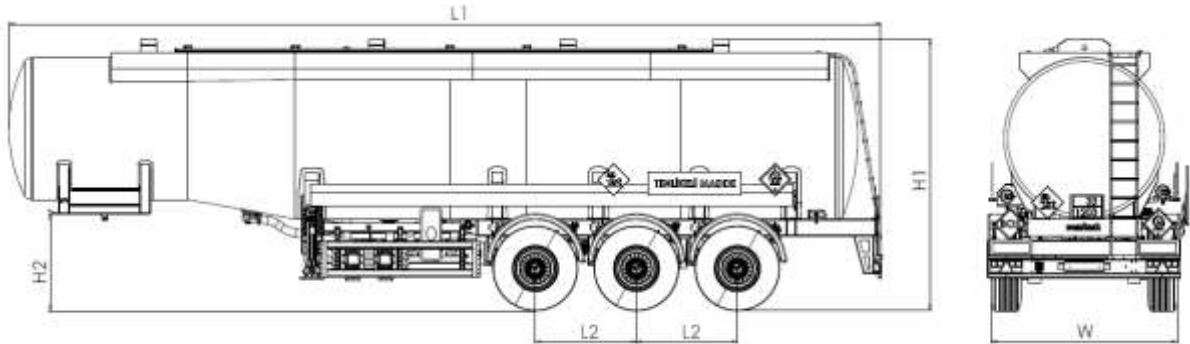
**Brake System** : The braking system is designed and tested in accordance with **ECE R13** regulations; it is equipped with an electronic brake control (EBS) and anti-lock braking system (ABS) to provide high safety and performance.

**Axles** : The 3x9 ton axles used in our tanker are sourced from industry-leading brands such as Saf Holland, BPW, and Sertel, ensuring safe transportation in full compliance with **EN 13094:2008** and **ADR** requirements.

**Electrical System** : All lighting and signaling systems are selected in accordance with **UN ECE R48** regulations.

**Tyres and Rims** : The tire size used in our tankers is 385/65 R 22.5, and it is available with either aluminum or steel rim options based on customer preference.

**Test Process** : All welds of our tanker are subjected to RT (Radiographic Testing) and leakage tests in accordance with **ISO 17636** standard, and have been successfully approved for compliance with **ADR** and **EN 13094:2008** standards.



### Technical Data

|                                |                                      |
|--------------------------------|--------------------------------------|
| <b>Width (W)</b>               | : Maximum 2.550 mm                   |
| <b>Height (H1)</b>             | : Maximum 4.000 mm                   |
| <b>Length (L1)</b>             | : Maximum 13.600 mm                  |
| <b>Fifth Wheel Height (H2)</b> | : 1.200-1.350 mm                     |
| <b>Wheelbase (L2)</b>          | : 1.310-1.350 mm                     |
| <b>Tare</b>                    | : 5.000-9.000 Kg (Standard≈7600 Kg)  |
| <b>Gross Weight</b>            | : Maximum 35.500 Kg                  |
| <b>Volume Range</b>            | : 30.000-60.000 L (Standard≈34000 L) |
| <b>Number of Compartments</b>  | : 1-11                               |
| <b>Design Temperature</b>      | : -20 °C / +50 °C                    |
| <b>Design Pressure</b>         | : 0,5 Bar                            |

### Samsun Tanker Sanayi ve Tic. Ltd. Şti.

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